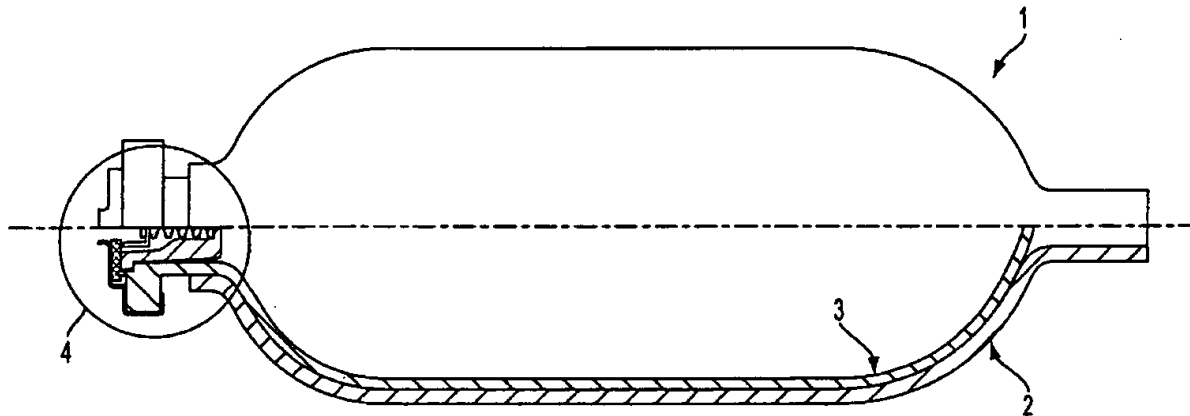




- (72) MCGEE, THOMAS, US
(72) SARRAF, REUVEN, US
(72) SEMOFF, STEVEN, US
(71) GIVAUDAN ROURE (INTERNATIONAL) SA, CH
(51) Int.Cl.⁶ A61K 7/50
(30) 1998/08/27 (60/098,088) US
(30) 1999/01/14 (60/115,826) US
(54) **GEL MOUSSANT AU CONTACT POUR LA DOUCHE**
(54) **POST-FOAMING SHOWER GEL**



(57) A post-foaming composition in combination with a dispenser adapted to dispense a fine stream of the composition onto skin that foams upon contact. The composition contains a material which is a volatile liquid at atmospheric pressure and between 5% - 50% w/w surfactant solids. The composition may be dispensed as a mist, foam, gel or liquid at a rate between 0.5 grams/sec and 10 grams/sec.

ABSTRACT

A post-foaming composition in combination with a dispenser adapted to dispense a fine stream of the composition onto skin that foams upon contact. The composition contains a material which is a volatile liquid at atmospheric pressure and between 5% -
5 50% w/w surfactant solids. The composition may be dispensed as a mist, foam, gel or liquid at a rate between 0.5 grams/sec and 10 grams/sec.

- 9 -

Claims

1. A dispenser containing a post foaming composition and which is adapted to dispense a fine stream of the composition wherein the composition comprises at least one surfactant and a material which is a volatile liquid at atmospheric pressure, whereby the
5 composition foams upon contact with skin.

2. A dispenser according to claim 1 wherein the volatile liquid at atmospheric pressure is a hydrocarbon.

10 3. A dispenser according to claim 1 wherein the composition contains at least 0.5% w/w of the volatile liquid.

4. A dispenser according to claim 3 wherein the composition contains about 1% - 10% w/w of the volatile liquid, preferably 1% - 7.5% w/w.

15

5. A dispenser according to claim 3 wherein the volatile liquid is selected from the group consisting of propane, n-butane, isobutane, n-pentane, isopentane, incompletely halogenated chlorofluoro-carbons and dimethyl ether.

20 6. A dispenser according to claim 5 wherein the volatile liquid is a 5 carbon aliphatic hydrocarbon.

7. A dispenser according to claim 1 where in the composition has a viscosity of about 500 cps - 15000 cps, preferably of about 2000 cps - 5000 cps.

25

8. A dispenser according to claim 1 wherein the composition contains about 5% - 50% w/w surfactant solids, preferably between 10% - 25% w/w.

9. A dispenser according to claim 1 further comprising a packaging system selected
30 from the group consisting of aerosol containers, barrier packaging, mechanical accretion system and bladder construction packaging.

- 10 -

10. A dispenser according to claim 9 wherein the packaging system is a bladder constriction packaging.

11. A dispenser according to claim 9 wherein the composition is dispensed from the
5 packaging system as a mist, foam, gel or liquid.

12. A dispenser according to claim 11 wherein the composition is dispensed from the packaging system as a liquid.

10 13. A dispenser according to claim 12 wherein the liquid is dispensed at a rate between 0.5 grams/sec and 10 grams/sec, preferably at a rate between 1 gram/sec and 5 grams/sec.

Fetherstonhaugh & Co
Ottawa, Canada
Patent Agents

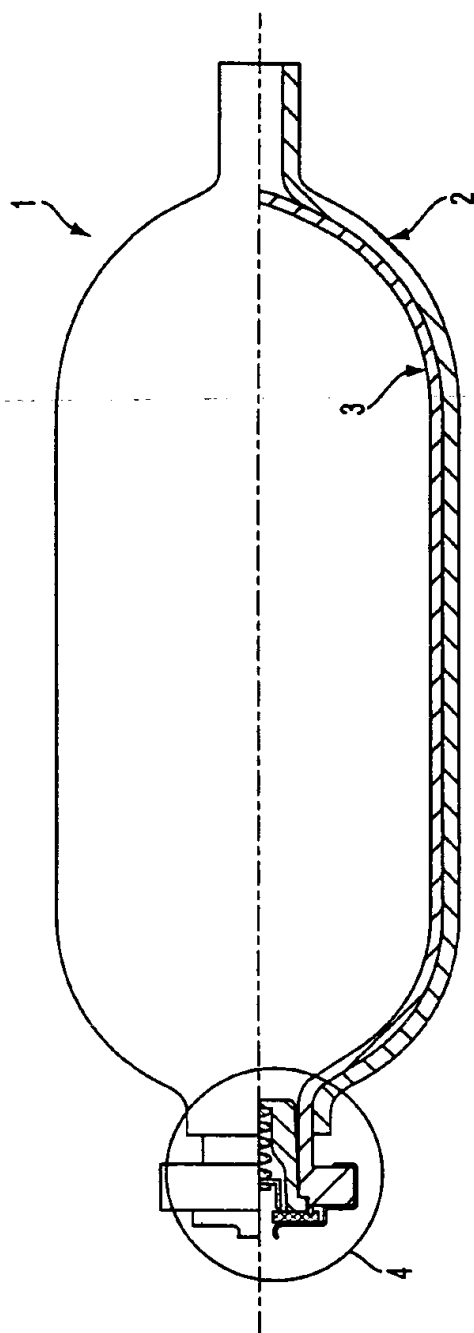


FIG. 1

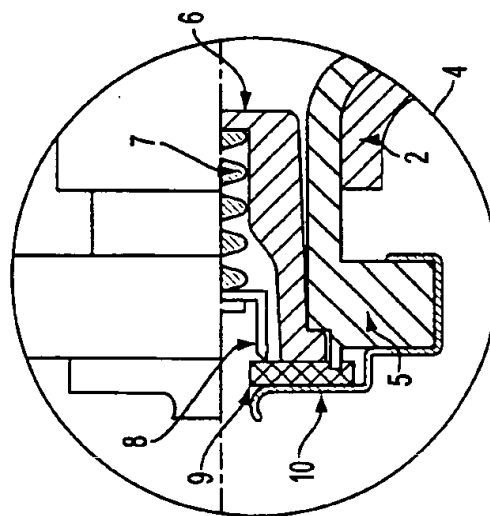


FIG. 1A

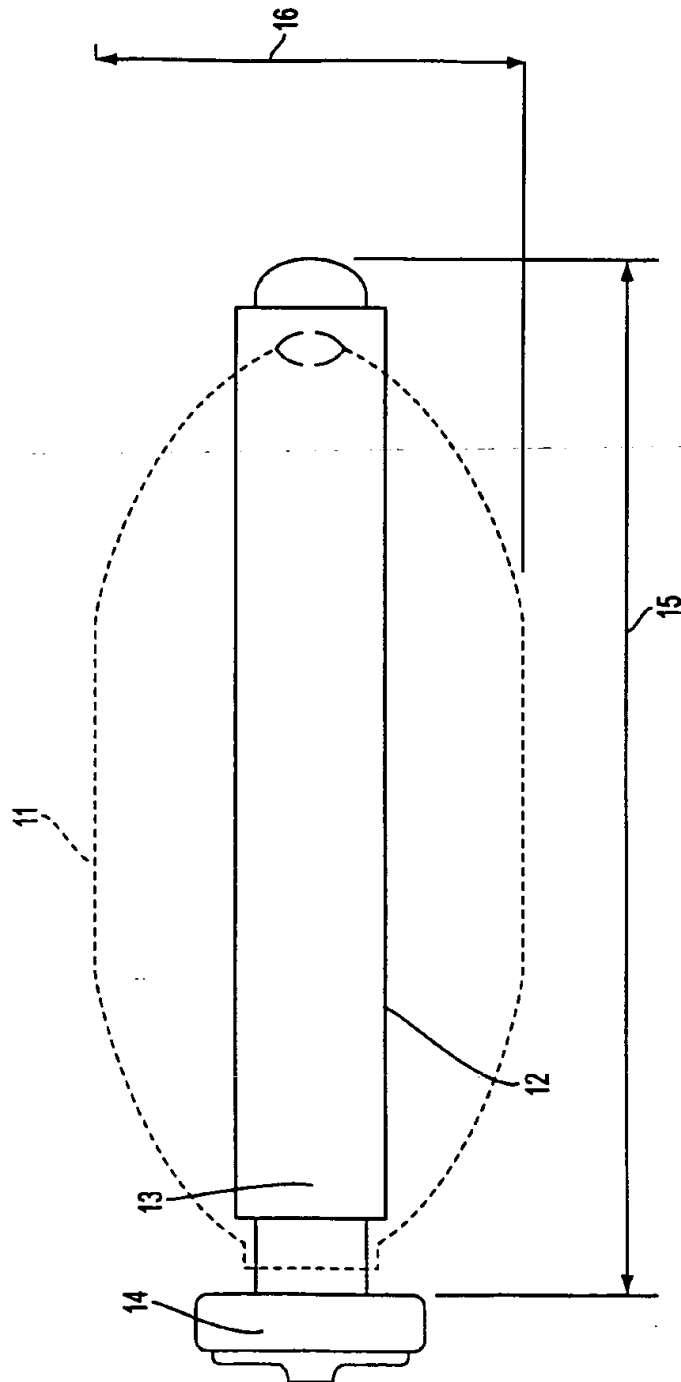


FIG. 2

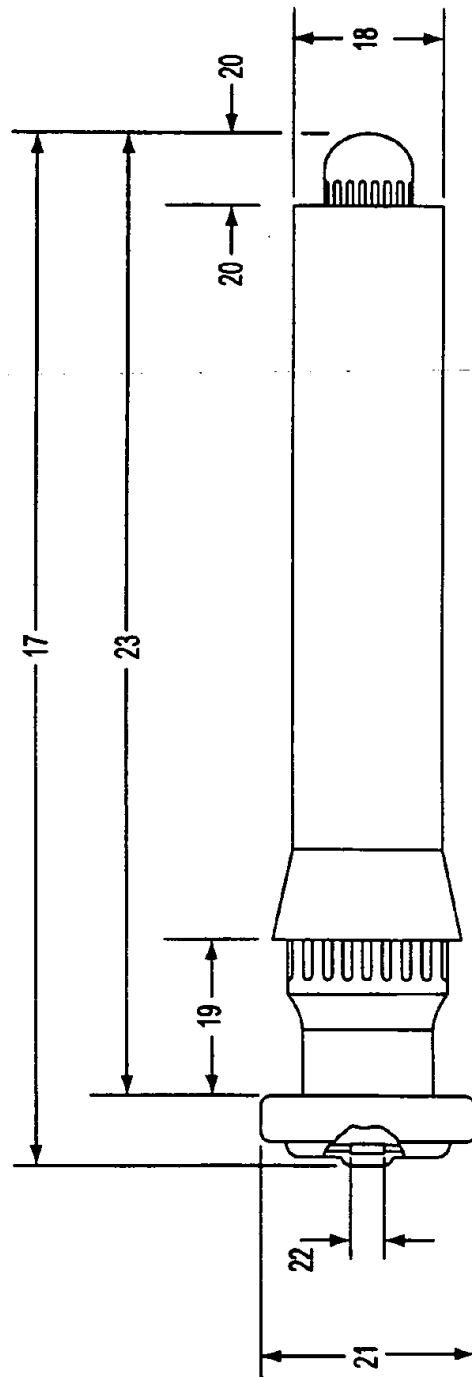


FIG. 3

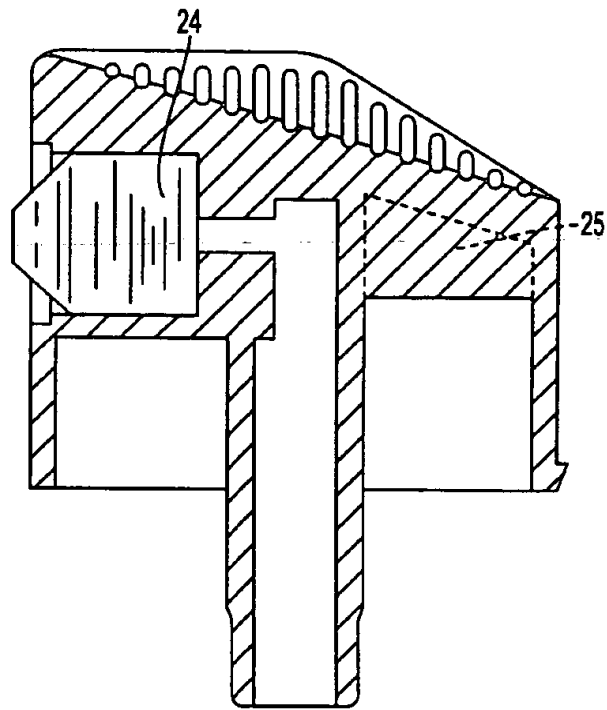


FIG. 4

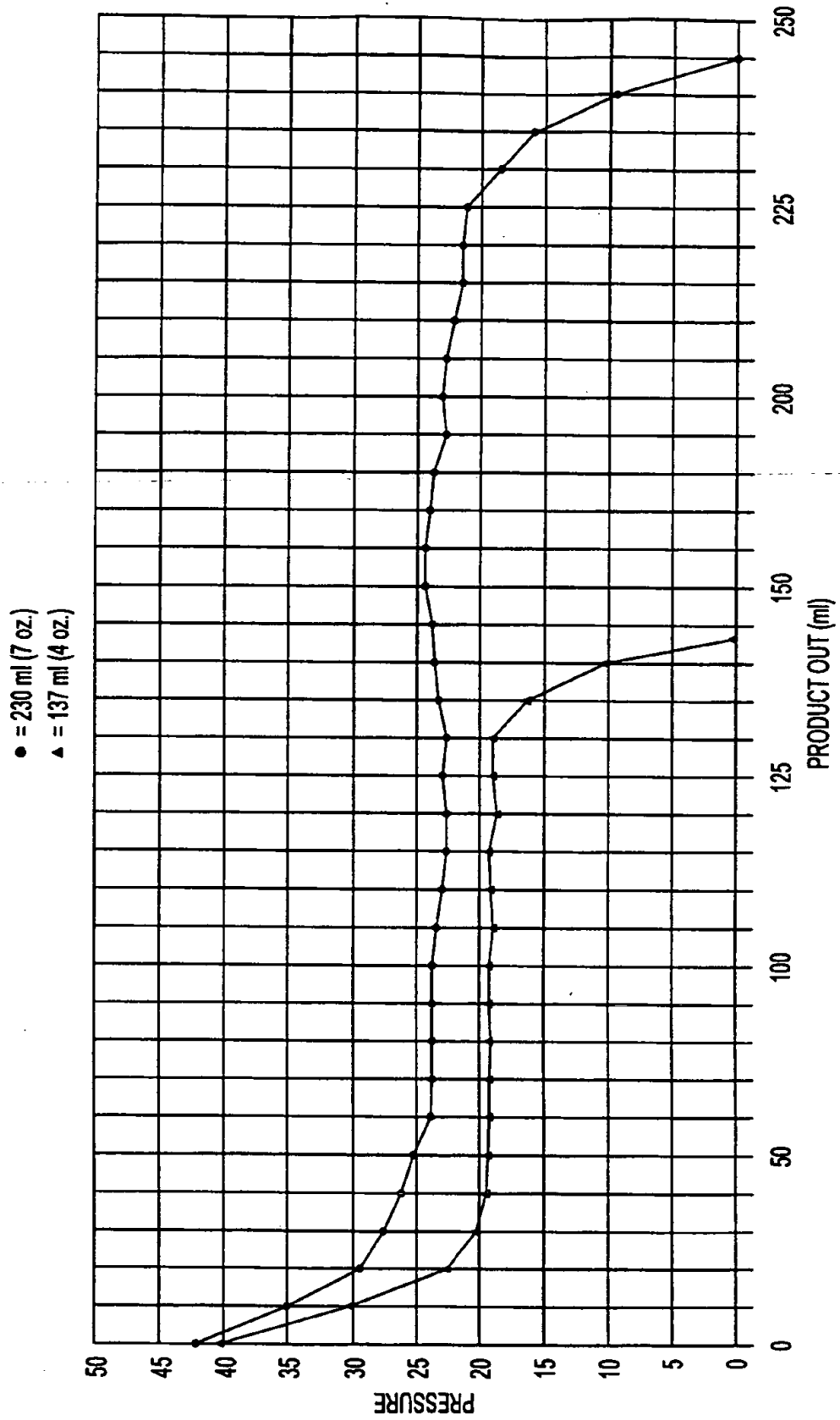


FIG. 5